

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078430.D
 Acq On : 15 Feb 2024 12:04
 Operator : RP/MD
 Sample : VD0215SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBL01

Quant Time: Feb 16 02:33:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

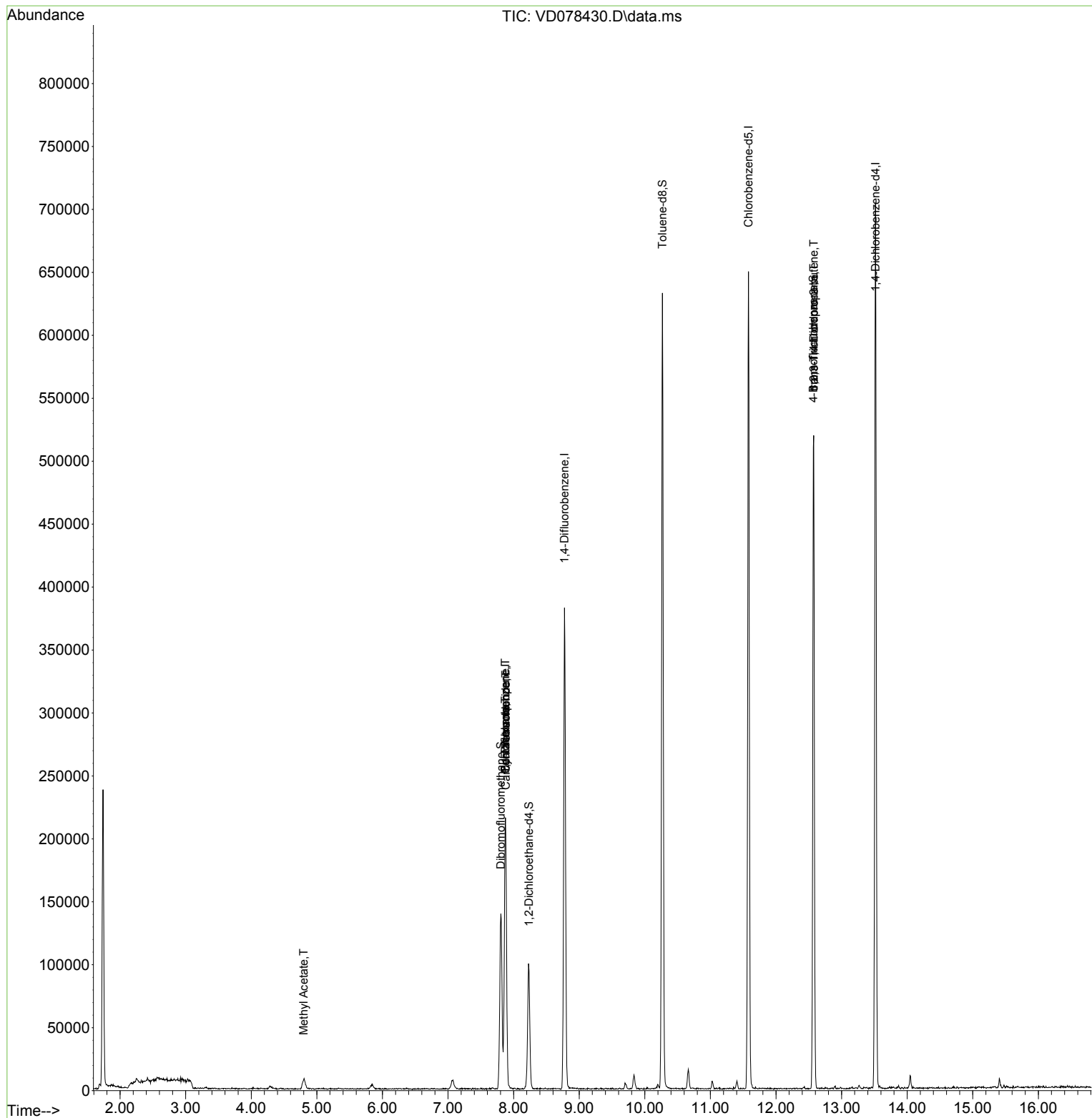
Internal Standards						
1) Pentafluorobenzene	7.875	168	171617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	344372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	380581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	187557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75505	40.690	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.380%		
35) Dibromofluoromethane	7.805	113	103407	47.271	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.540%		
50) Toluene-d8	10.269	98	438770	50.142	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.280%		
62) 4-Bromofluorobenzene	12.569	95	158751	62.341	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	124.680%		
Target Compounds						
11) Tert butyl alcohol	5.022	59	58	Below Cal	#	73
16) Acetone	4.046	43	523	Below Cal	#	32
18) Methyl Acetate	4.799	43	72	3.990 ug/l	#	42
23) Vinyl Acetate	6.146	43	62	Below Cal	#	63
25) 2-Butanone	7.075	43	184	Below Cal	#	37
31) Cyclohexane	7.875	56	3998	1.274 ug/l	#	41
36) 1,1-Dichloropropene	7.875	75	14162	4.167 ug/l	#	47
38) Carbon Tetrachloride	7.881	117	16653	4.948 ug/l	#	16
76) 1,2,3-Trichloropropane	12.575	75	81801	51.373 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.575	75	81801	106.651 ug/l	#	17

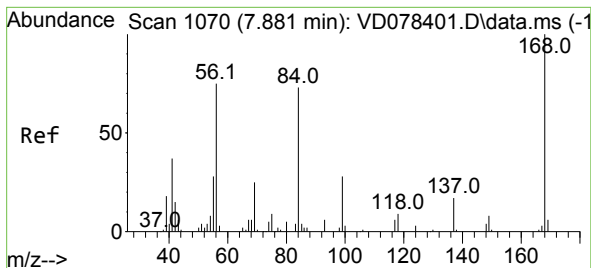
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0215SBL01

Quant Time: Feb 16 02:33:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078430.D

Acq: 15 Feb 2024 12:04

Instrument :

MSVOA_D

ClientSampleId :

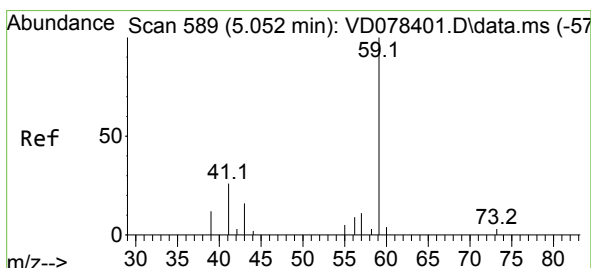
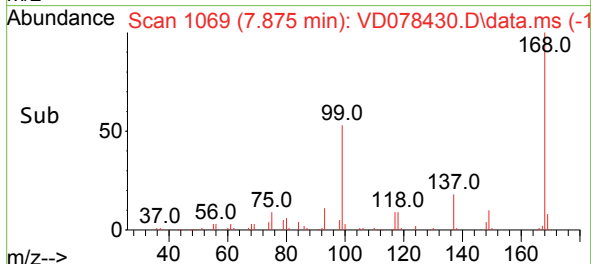
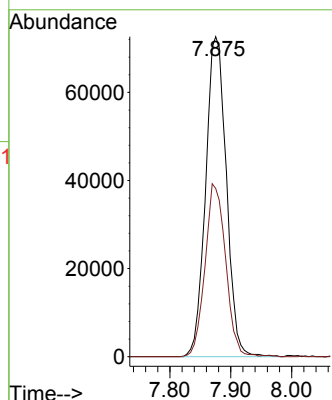
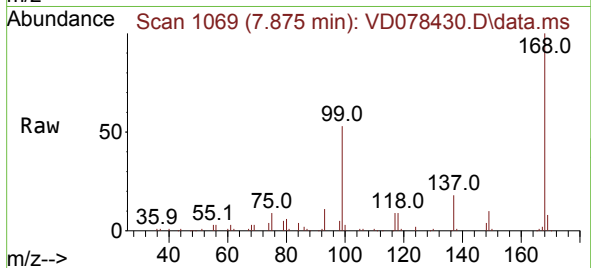
VD0215SBL01

Tgt Ion:168 Resp: 171617

Ion Ratio Lower Upper

168 100

99 52.5 36.7 55.1



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.022 min Scan# 584

Delta R.T. -0.030 min

Lab File: VD078430.D

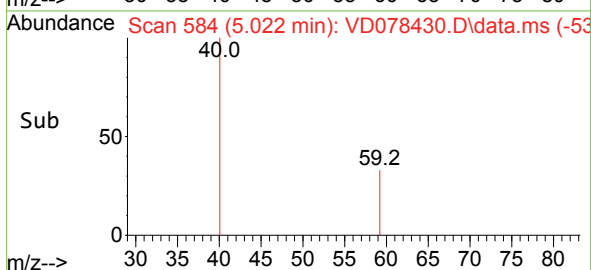
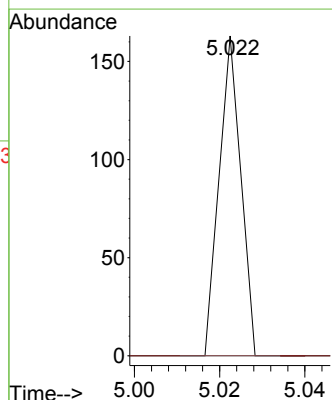
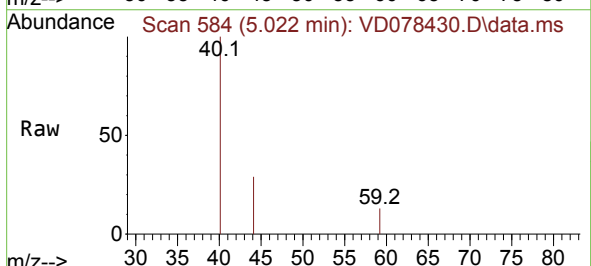
Acq: 15 Feb 2024 12:04

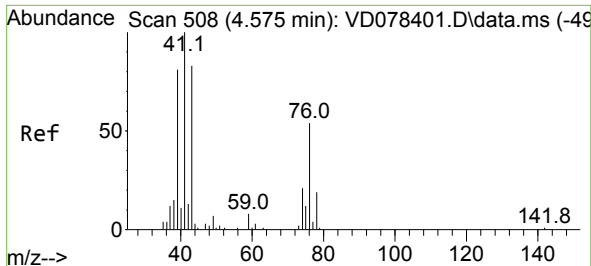
Tgt Ion: 59 Resp: 58

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

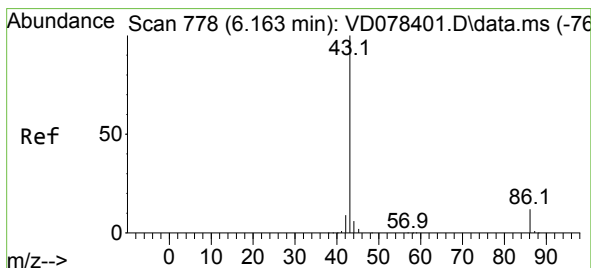
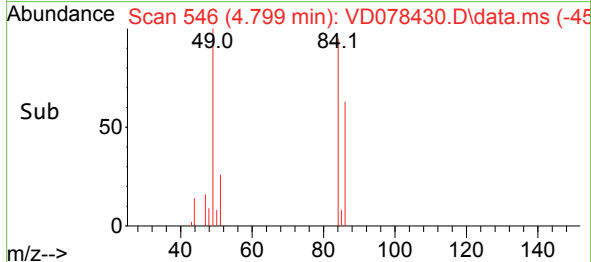
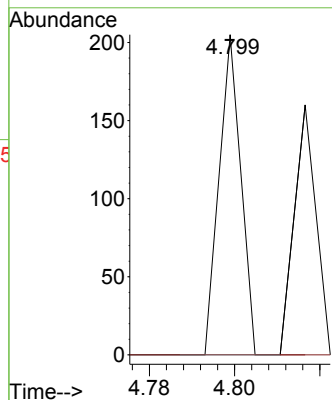
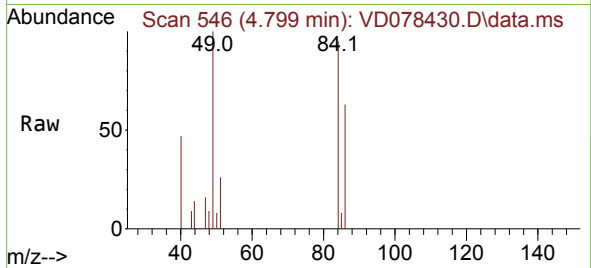




#18
Methyl Acetate
Concen: 3.990 ug/l
RT: 4.799 min Scan# 54
Delta R.T. 0.224 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

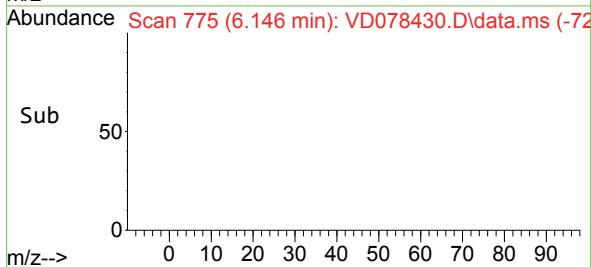
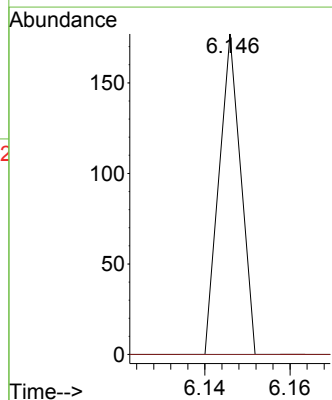
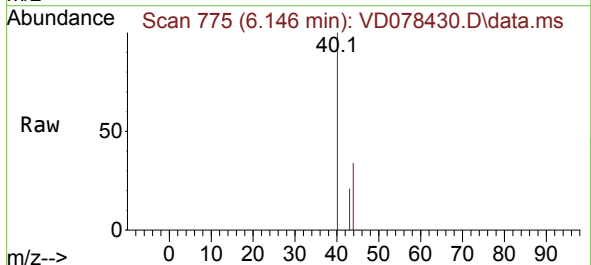
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBL01

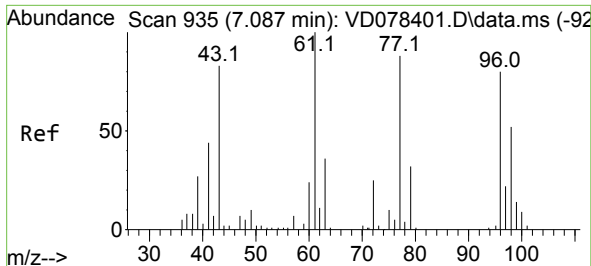
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.146 min Scan# 775
Delta R.T. -0.017 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
86 0.0 12.5 18.7#





#25

2-Butanone

Concen: Below Cal

RT: 7.075 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD078430.D

Acq: 15 Feb 2024 12:04

Instrument :

MSVOA_D

ClientSampleId :

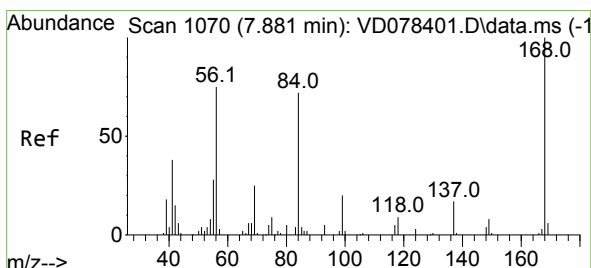
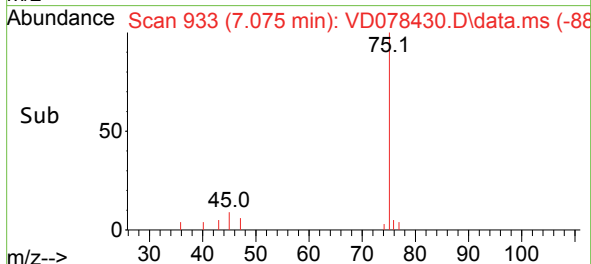
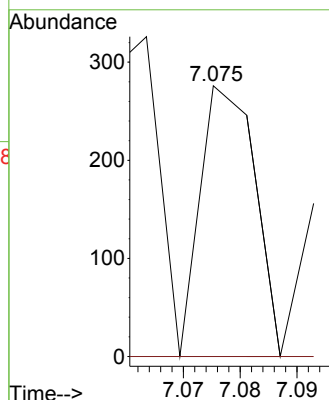
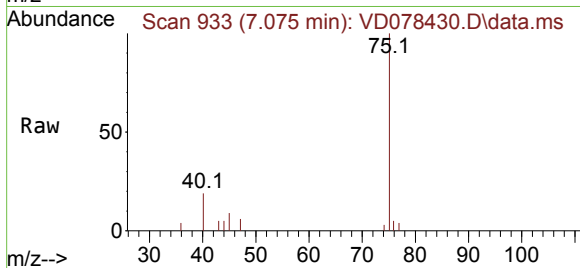
VD0215SBL01

Tgt Ion: 43 Resp: 184

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#31

Cyclohexane

Concen: 1.274 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078430.D

Acq: 15 Feb 2024 12:04

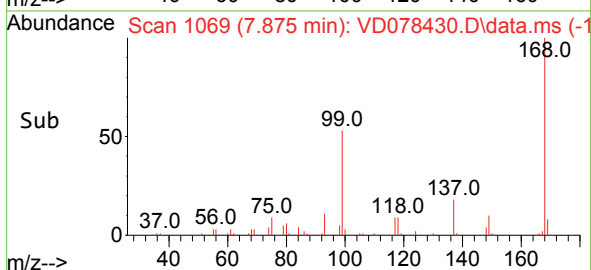
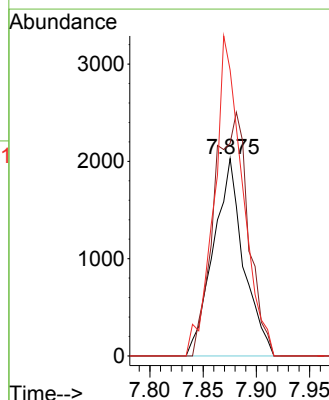
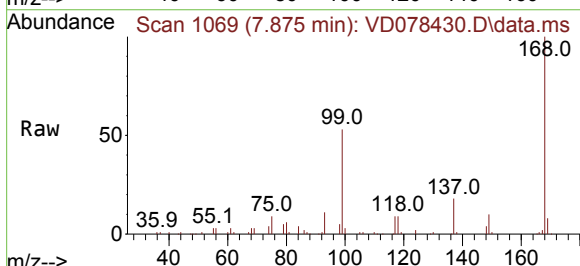
Tgt Ion: 56 Resp: 3998

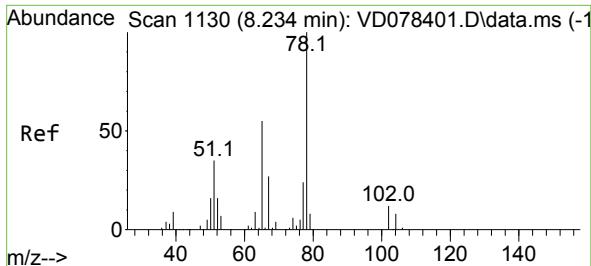
Ion Ratio Lower Upper

56 100

69 107.7 28.6 43.0#

84 144.8 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 40.690 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078430.D

Acq: 15 Feb 2024 12:04

Instrument :

MSVOA_D

ClientSampleId :

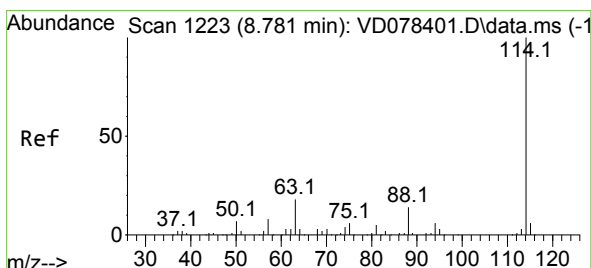
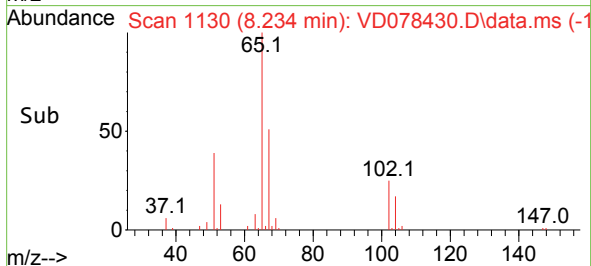
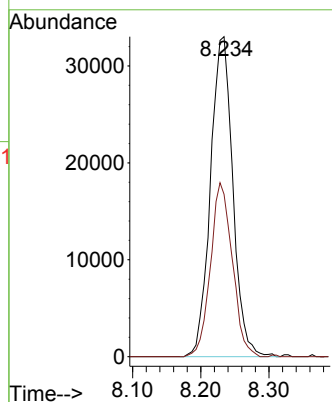
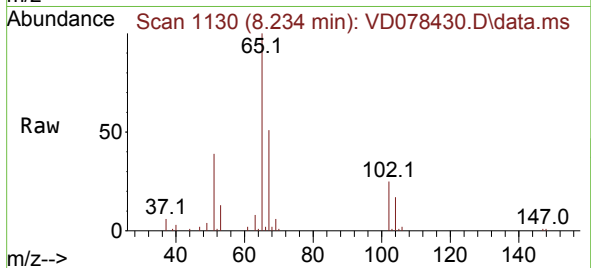
VD0215SBL01

Tgt Ion: 65 Resp: 75505

Ion Ratio Lower Upper

65 100

67 52.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078430.D

Acq: 15 Feb 2024 12:04

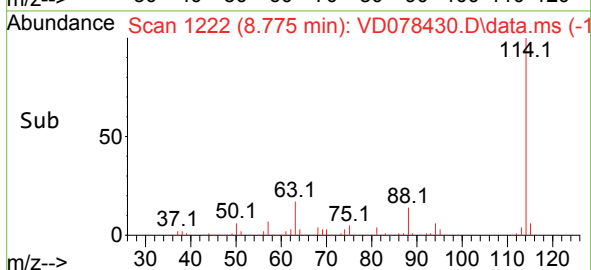
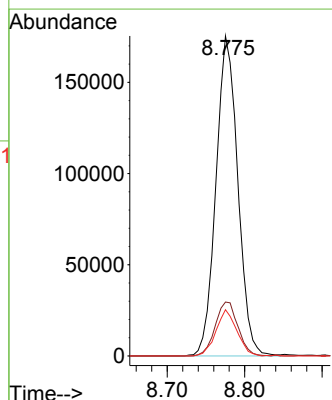
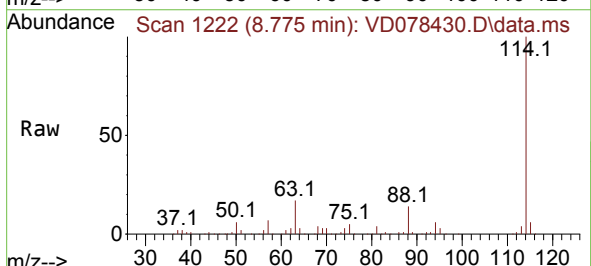
Tgt Ion: 114 Resp: 344372

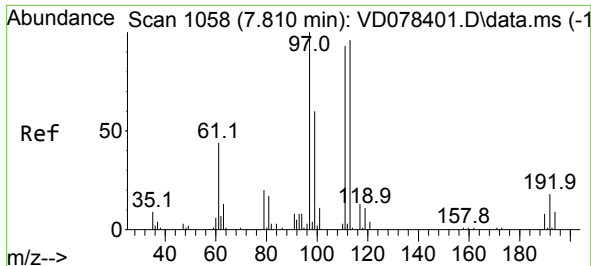
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 14.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.271 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078430.D

Acq: 15 Feb 2024 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBL01

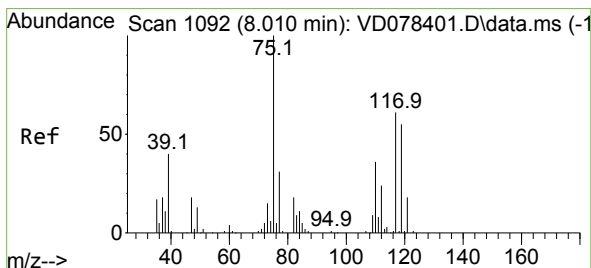
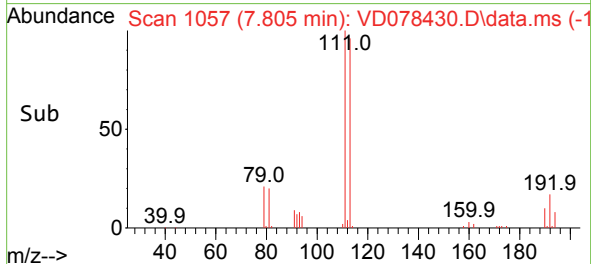
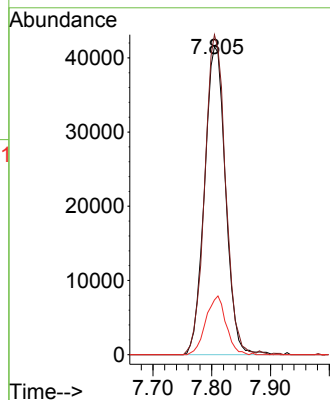
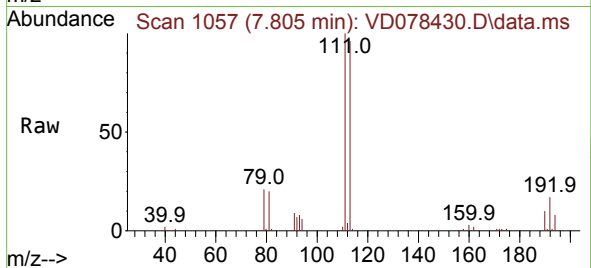
Tgt Ion:113 Resp: 103407

Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 18.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.167 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078430.D

Acq: 15 Feb 2024 12:04

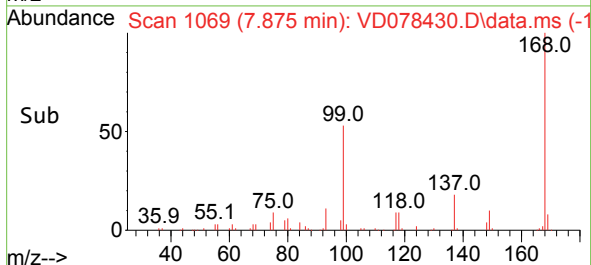
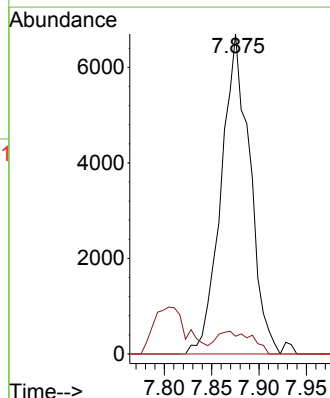
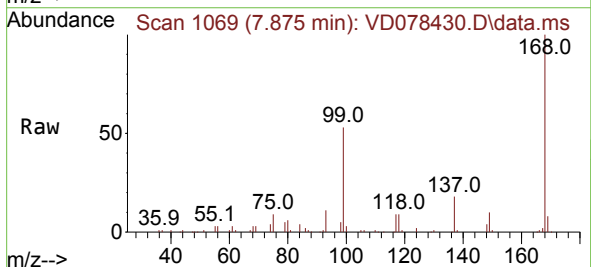
Tgt Ion: 75 Resp: 14162

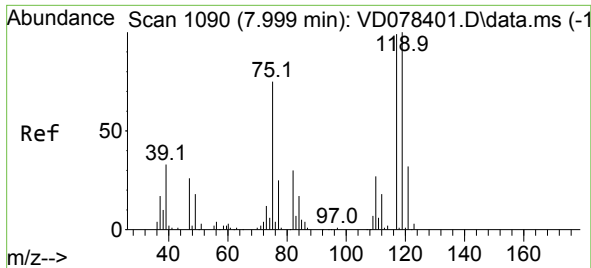
Ion Ratio Lower Upper

75 100

110 8.8 19.9 59.6#

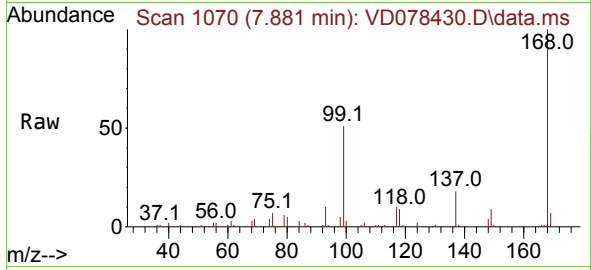
77 0.0 24.7 37.1#



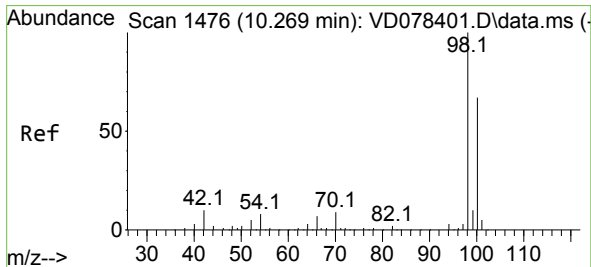
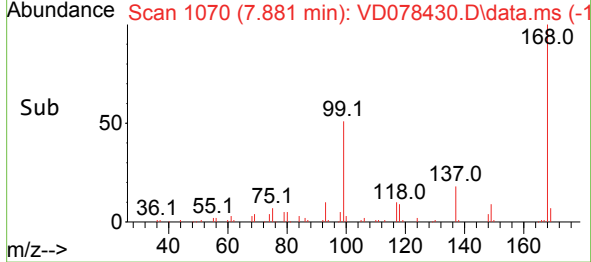
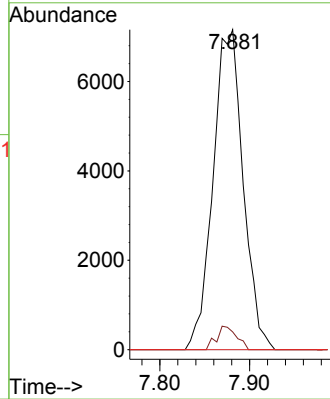


#38
Carbon Tetrachloride
Concen: 4.948 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.118 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0215SBL01

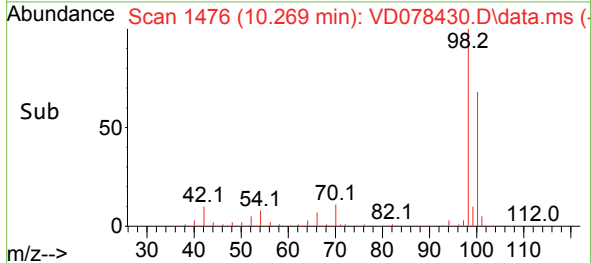
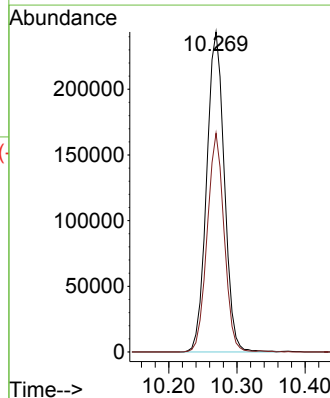
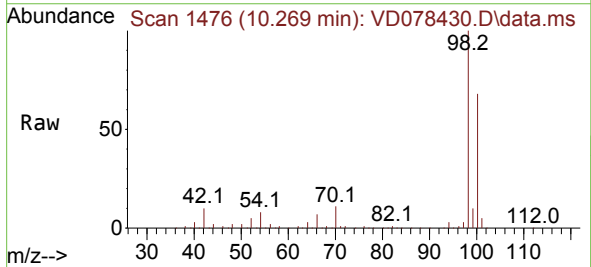


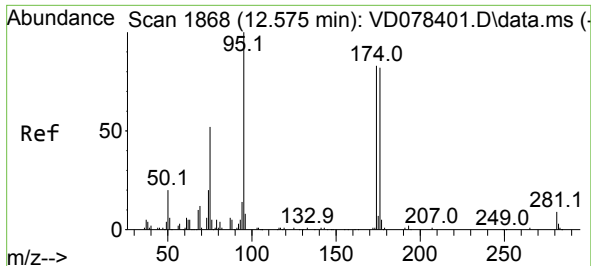
Tgt Ion:117 Resp: 16653
Ion Ratio Lower Upper
117 100
119 5.5 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.142 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

Tgt Ion: 98 Resp: 438770
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5

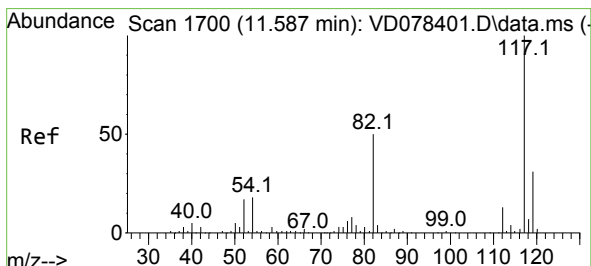
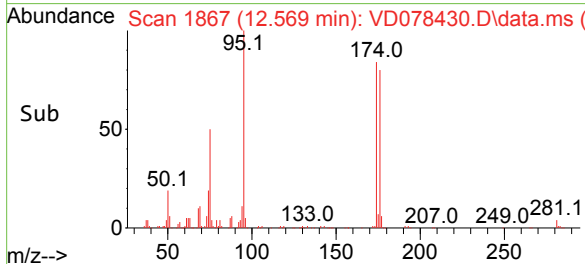
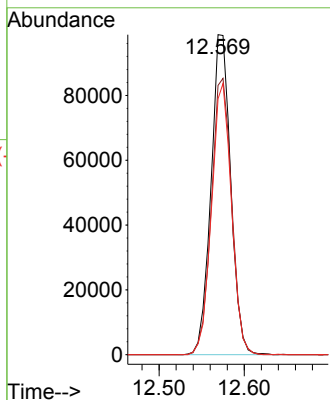
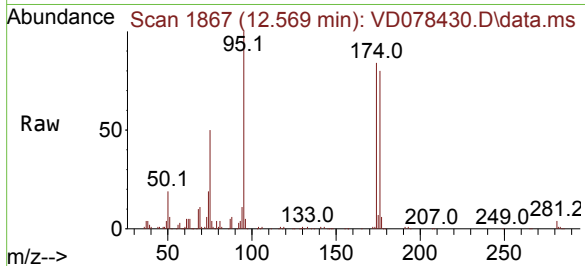




#62
4-Bromofluorobenzene
Concen: 62.341 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

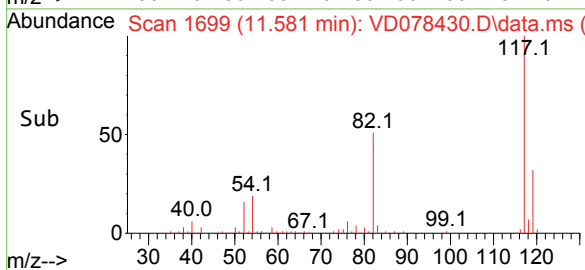
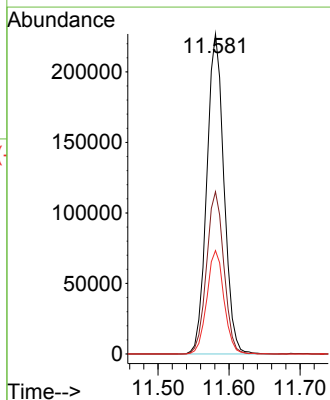
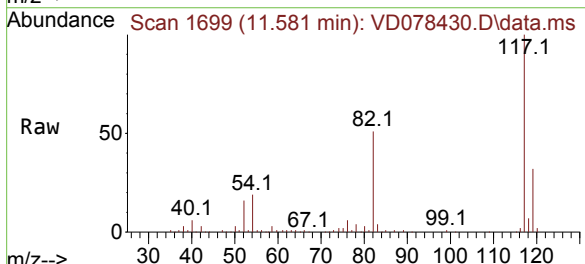
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBL01

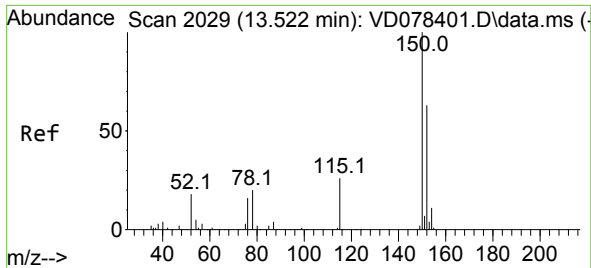
Tgt Ion: 95 Resp: 158751
Ion Ratio Lower Upper
95 100
174 89.0 0.0 201.8
176 85.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

Tgt Ion: 117 Resp: 380581
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 32.3 25.0 37.4

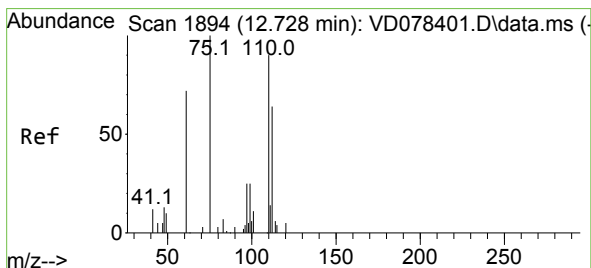
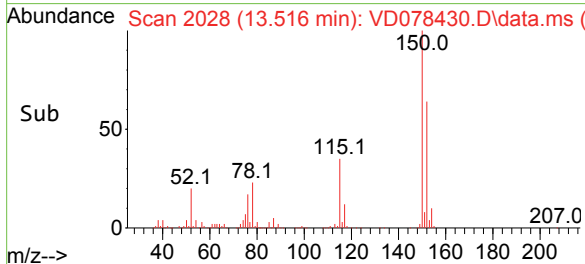
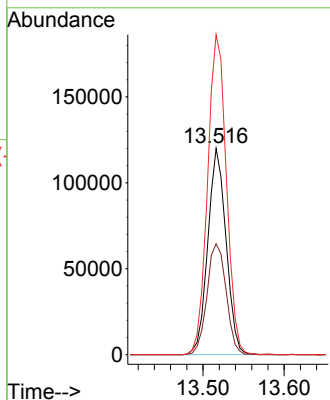
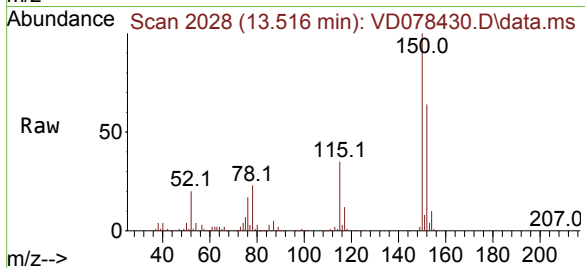




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

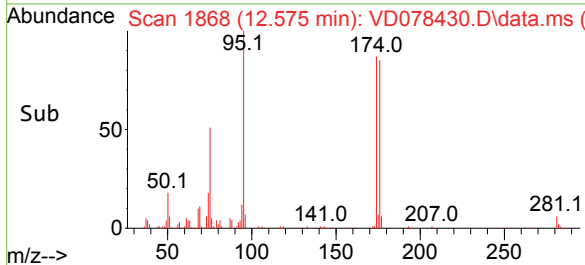
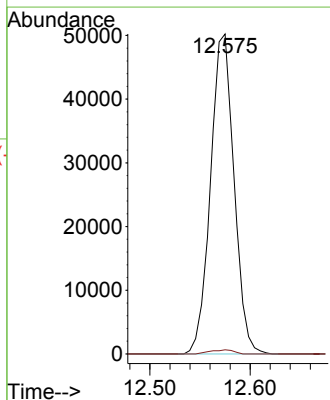
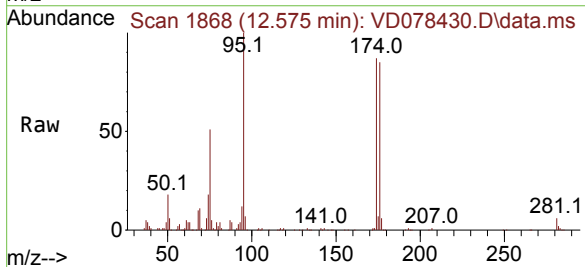
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBL01

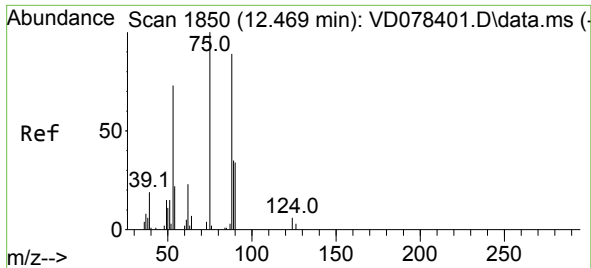
Tgt Ion:152 Resp: 187557
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 159.3 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 51.373 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

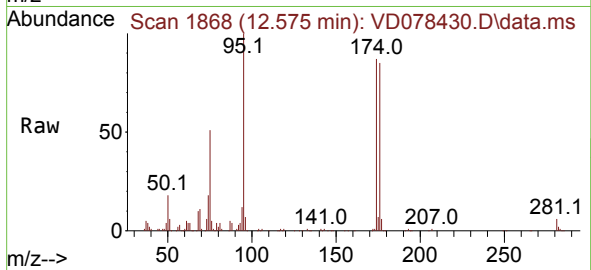
Tgt Ion: 75 Resp: 81801
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 106.651 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0215SBL01



Tgt Ion:	75	Resp:	81801
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

